

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Futoshi NAKAMURA, et al. Docket No: Q76597

Appln. No.: 10/564,316 Group Art Unit: 1775

Confirmation No.: 7489 Examiner: Unknown

Filed: June 21, 2006

For: MAGNETIC RECORDING MEDIUM USING GRAIN ISOLATION TYPE FILM AS UNDER LAYER, METHOD OF MANUFACTURING THE SAME, AND MAGNETIC RECORDING/REPRODUCING APPARATUS USING THE SAME

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

ATTN: Office of Initial Patent Examination
Filing Receipt Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and request the following correction:

Assignment for Published Patent Application

SHOWA DENKO K.K.

KABUSHIKI KAISHA TOSHIBA

Verification for the requested correction is indicated on the Assignment and Recordation Document filed June 21, 2006.

Respectfully submitted,

Sheldon I. Landsman

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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: January 22, 2007



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/564,316	06/21/2006	1775	1230	Q76597	4	16	4

CONFIRMATION NO. 7489

23373
 SUGHRUE MION, PLLC
 2100 PENNSYLVANIA AVENUE, N.W.
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 WASHINGTON, DC 20037

FILING RECEIPT



OC000000021691115

Date Mailed: 12/21/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Futoshi Nakamura, Ichikawa-shi, JAPAN;
 Soichi Oikawa, Hachioji-shi, JAPAN;
 Takeshi Iwasaki, Yokohama-shi, JAPAN;
 Tomoyuki Maeda, Kawasaki-shi, JAPAN;
 Kenji Shimizu, Chiba-shi, JAPAN;
 Hiroshi Sakai, Ichihara-shi, JAPAN;

ASSIGNMENT FOR PUBLISHED PATENT APPLICATION
SHOWA DENKO K.K. KABUSHIKI KAISHA TOSHIBA

Power of Attorney: The patent practitioners associated with Customer Number 23373.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/10271 07/13/2004
 which claims benefit of 60/489,487 07/24/2003

Foreign Applications

JAPAN 2003-196559 07/14/2003

If Required, Foreign Filing License Granted: 12/20/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US10/564,316

Projected Publication Date: 03/29/2007

For Non-U.S. Clients

ASSIGNMENT

Whereas, I/we, (1) Futoshi NAKAMURA; (2) Soichi OIKAWA; (3) Takeshi IWASAKI;
(4) Tomoyuki MAEDA; (5) Kenji SHIMIZU; and (6) Hiroshi SAKAI
c/o Intellectual Property Division, Toshiba Corporation, 1-1,
Address of (1) - (4) inventors: c/o Kabushiki Kaisha Toshiba, Ome Complex, 2-9, Suehirocho, Tsurumi-ku,
Shibaura 1-chome,
Tokyo, Japan; and address of (5) - (6) inventors: c/o Showa Denko HD K.K., 5-1, Yawata Kaigan dori,

Ichihara-shi, Chiba-ken, Japan, hereinafter called assignor(s), have invented certain improvements in
MAGNETIC RECORDING MEDIUM USING GRAIN ISOLATION TYPE FILM AS UNDER LAYER,
METHOD OF MANUFACTURING THE SAME, AND MAGNETIC RECORDING/REPRODUCING APPARATUS
USING THE SAME

and executed an application for Letters Patent of the United States of America therefor on

Jan. 30 2006; and

Whereas, (1) Kabushiki Kaisha Toshiba of 1-1-1, Shibaura, Minato-ku, Tokyo, Japan;
and (2) SHOWA DENKO K.K. of 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo, Japan (assignee), desires to
acquire the entire right, title and interest in the application and invention, and to any United States and foreign
patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its
successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for
the United States of America and all countries foreign thereto, including the rights of priority under the
International Convention of Paris (1883) as amended, and I/we request the Director - U.S. Patent and Trademark
Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its
successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the
invention and I/we will execute without further consideration all papers deemed necessary by the assignee in
connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania
Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application
number _____, filed _____) the filing date and application number of said
application when known.

Date: Jan. 30, 2006

s/ Futoshi Nakamura

Futoshi NAKAMURA

Date: Jan. 30, 2006

s/ Soichi Oikawa

Soichi OIKAWA

Date: Jan. 30, 2006

s/ Takeshi Iwasaki

Takeshi IWASAKI

Date: Jan. 30, 2006

s/ Tomoyuki Maeda

Tomoyuki MAEDA

4-04075 US OSP-19459

US 2/2

Date: Jan. 30, 2006

s/ Kenji Shimizu

Date: Jan. 30, 2006

s/ Hiroshi Sakai

Kenji SHIMIZU

Hiroshi SAKAI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)



UNITED STATES PATENT AND TRADEMARK OFFICE

**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE**

AUGUST 07, 2006

PTAS



103270179A

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
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REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/21/2006

REEL/FRAME: 018058/0407

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

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DOC DATE: 01/30/2006

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DOC DATE: 01/30/2006

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DOC DATE: 01/30/2006

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DOC DATE: 01/30/2006

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DOC DATE: 01/30/2006

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SERIAL NUMBER: 10564316

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: MAGNETIC RECORDING MEDIUM USING GRAIN ISOLATION TYPE FILM AS UNDER LAYER, METHOD OF MANUFACTURING THE SAME, AND MAGNETIC RECORDING/REPRODUCING APPARATUS USING THE SAME

JEEVON JONES, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION